

Enolase-3 Human Recombinant

Item Number	rAP-1074
Synonyms	Enolase 3 (beta, muscle), Muscle-specific enolase, Skeletal muscle enolase, MSE, 2-phospho-D-glycerate hydrolyase, beta-enolase, GSD13, EC 4.2.1.11, EC 4.2.1.
Description	ENO3 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 454 amino acids (1-434) and having a molecular mass of 49.0 kDa. ENO3 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P13929
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MAMQKIFARE ILDSRGNPTV EVDLHTAKGR FRAAVPSGAS TGIYEALRLR DGDKGRYL GK GVLKAVENIN STLGPALLQK KLSVADQEKV DKFMIELDGT ENKSKF- GANA ILGVSLAVCK AGAAEKGVPL YRHIADLAGN PDLILPVPAF NVINGGSHAG NKLAMQEFMI LPVGASSFKE AMRIGAEVYH HLKGVIAKAY GKDATNVGDE GGFAPNILEN NEALELLKTA IQAA- GYDPKV VIGMDVAASE FYRNGKYDLD FKSPDDPARH ITGEKLGELY KSFKNYPVV SIEDPFDQDD WATWTSFLSG VNIQIVGDDL TVTNPKRIAQ AVEKKACNCL LLKVNQIGSV TESIQAACKLA QSNWGWVMVS HRSGETEDTF IADLVVGLCT GQIKTGAPCR SERLAKYNQL MRIEEEALGDK AIFAGRK- FRN PKAK.
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The ENO3 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 0.1M NaCl and 20% glycerol. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**